


## Why Broadsword?

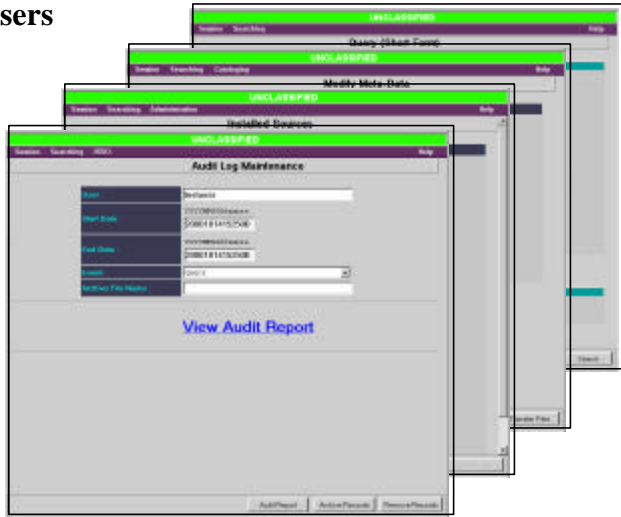
The Broadsword system gives you, the user, the ability to search many different types of sources from this interface. Today, the analyst can use a browser like Netscape or Internet Explore to surf the Intelligence Internet (the Intelink) to obtain information. However, there are many places in the Intelligence World where a browser can not go. These databases or web sites have special passwords or are unable to connect to a common browser. The Broadsword interface has the ability to access these databases and connect to these web sites so you can have access to all the information you need.



*GENERAL  
USER*

### Different Types of Users

- General User
- Producer
- Administrator
- ISSO



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Broadsword provides for several levels of user interaction. All users are granted access to search sources and order products. A user may also be identified as a Producer, which allows the user to catalog products into IPL sources. Broadsword Administrators have the ability control what sources a user can access. In addition, administrators have control over what roles (Administrator, ISSO, Producer) a user has. ISSOs have the ability to generate and archive audit records of user actions on the system.

**Broadsword**

GENERAL  
USER

## How do I login?

Protected Server

Username

Password

Forgot Password

This Site Has Been Accessed 143 Times Since 2000 Sep 21, 17:45:20

Protected Server

Existing Account Settings

Username

Password

Forgot Password

This Site Has Been Accessed 84 Times Since 2000 Sep 21, 17:45:20

Registered Server

Username

Password

Forgot Password

This Site Has Been Accessed 4 Times Since 2000 Sep 25, 11:34:11

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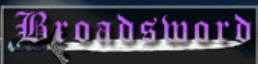
## How do I login?

Broadsword is a web-based interface. To log in, the user needs to enter a username and password on the login screen.

There are 3 types of Broadsword servers:

1. Protected (CSE)
2. Protected (AAM)
3. Registered

The Protected servers require an administrator to create a user account for the user. The registered server allows the user to create a username and password for himself, but limits the types of sources that can be accessed.



GENERAL  
USER

## How do I search for information?

UNCLASSIFIED

Session Searching

Help

Query (Short Form)

Attribute	Operator	Value
Facility Be Number	=	
Facility Country Code	=	NO SELECTION
Facility Facility Name	=	
Facility Suffix	=	
*Image Sensor Name	=	
*Image Source	=	
*Image Time of Collection	=	
*Keyword Keyword	=	SAM
*Product Classification	=	Unclassified (U)
*Product Publication Date	=	
*Product Title	=	
*Target Details Country Code	=	NO SELECTION
*Target Details Identifier	=	
*Target Details Name	=	

AND

Start Date

YYYYMMDDhhmmss

End Date

YYYYMMDDhhmmss

Reset Form Save Query Search

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Once the user has logged in for the first time the **Query (Short Form)** will appear. From this page the user can specify a simple query. In this case, the user is querying for *unclassified SAMs*.

Once the query has been specified, the user may hit the search button to execute the query.

## Reviewing the results...

The screenshot displays the 'Results of Request' window in the Broadsword application. The window has a green header bar with the text 'UNCLASSIFIED' and a 'Help' button. Below the header, there are tabs for 'Title/Description (Hits: 1 - 1)', 'Products/Reports Available', and 'Add to Cart'. The main content area shows details for a single result: 'SAM Site' with the description '(PL: L.O. of Sun via Aleph)'. To the right of the text is a small thumbnail image. Below the title, there are sections for 'Target Details Details', 'Product Details', and 'Product: Security Information Details'. The 'Product Details' section includes 'Country Code: IS', 'Publication Date: 1991022000012', and 'Title: SAM Site'. The 'Product: Security Information Details' section includes 'Classification: Unclassified', 'Keyword Details (Record 1): SAM', and 'Keyword Details (Record 2): Missile'. At the bottom, there is a table with the following data:

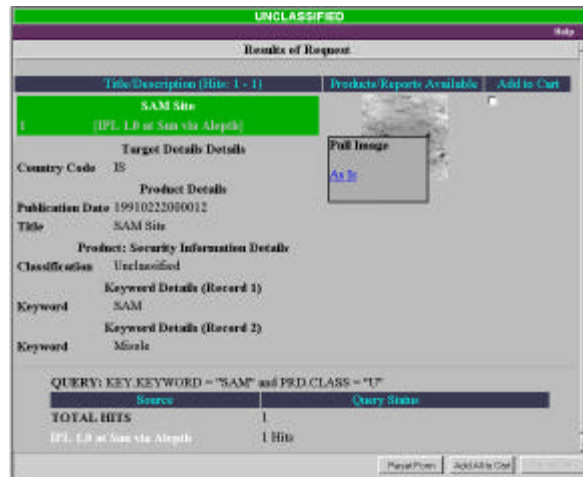
Source	Query Status
PL: L.O. of Sun via Aleph	1 Hits

Below the table, there are buttons for 'Print Print' and 'Add to Cart'.

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This page shows the results of the query. The left side of the slide shows the meta-data associated with the result. The slide also contains a thumbnail photo of the information queried for. The table at the bottom provides the analyst with the number of hits returned and the name of the source that the information was obtained from.

## How do I pull a product?

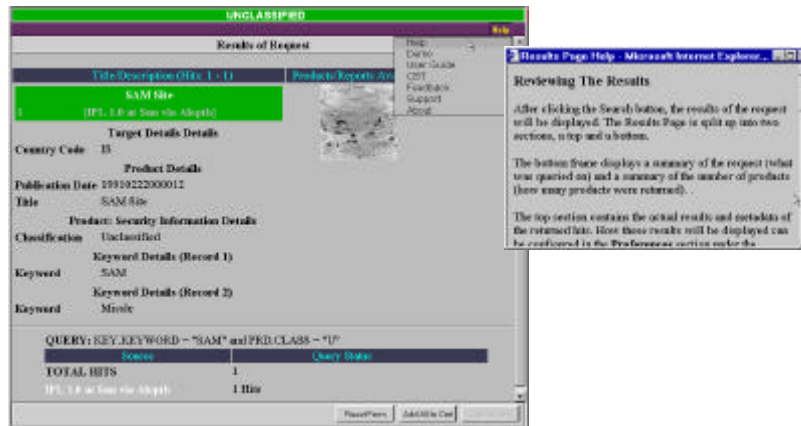


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To pull a product, click on the thumbnail. This will pop-up a window prompting for the format of the image to download. In the case of NITF imagery, Broadsword can convert the image to a JPEG before pulling the product.

**Note:** The web browser being used to access Broadsword should be configured to view the types of imagery available. If this is not the case, see your system administrator.

## How do I get help in the interface?

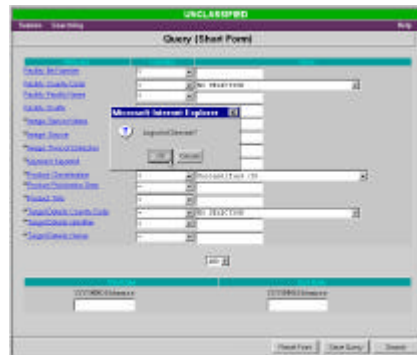
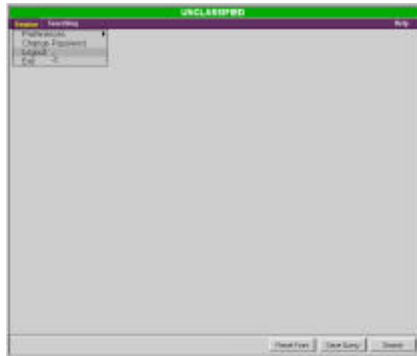


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Clicking on the Help option under the Help menu will bring up about the current page. These pages are usually a quick reference. For more detailed help, this menu also contains links to a short demo clip (not available on all pages) and the user's guide.

## How do I logout?




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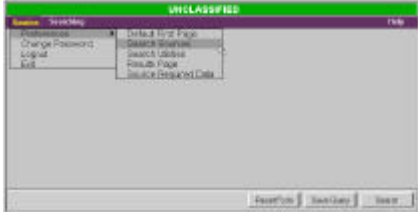
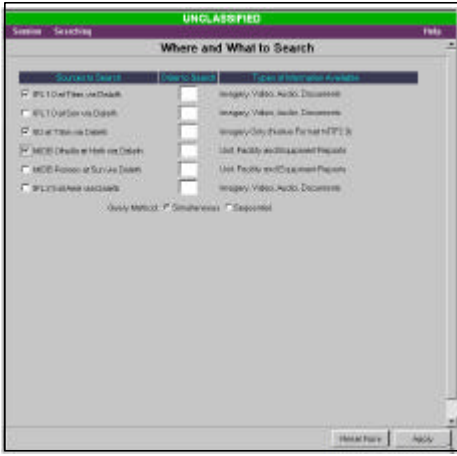
To logout of the system, the user can select either the **Logout** or **Exit** option from the **Session** menu. The **Logout** option will bring the user back to the login page, whereas the **Exit** option will log out the user and close the browser window.





**GENERAL**  
**USER**

## How do I query different sources?

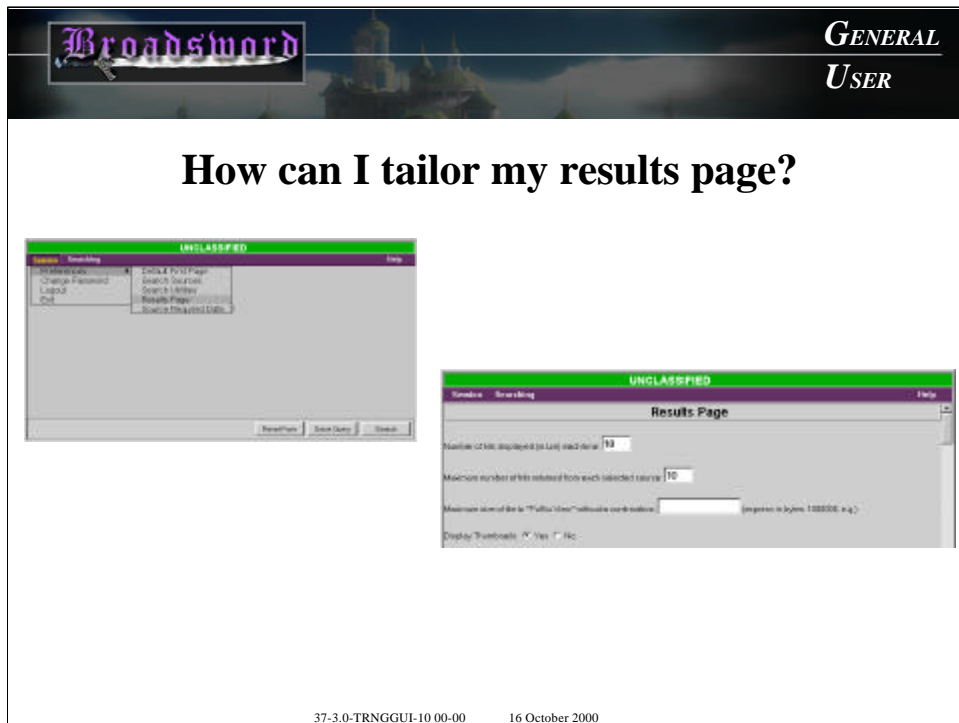
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The **Session** ® **Preferences** ® **Search Sources** page allows the user to change which sources are searched when a query is performed.

By default, all of the sources are searched simultaneously. By changing the *Query Method* to Sequential, the user's searches will run against each source, one at a time, until results are found. The default order to search is the order that the sources are listed. The user can override this default by specifying a new order in the *Order to Search* column.

For changes to take effect, the user must click on the **Apply** button at the bottom of the page.

**Warning:** not all Users or facilities will have access to the same sources as seen on the slide above. Sources for each user and facility will be specific to that user and location.



The **Session** ® **Preferences** ® **Results Page** allows the user to tailor how search results are presented. For the sake of training, this page has been broken up into two slides.

From the Results page the User can edit how the results of the query is returned. The User can limit the number of hits returned, in this example the number is ten.

The user can limit the number of hits returned by a specific source, in this example the number is also ten.

Maximum Size of File to Pull to View Without Confirmation option allows the user to specify the maximum size of a product that will be pulled to view. If the product size is greater than the specified size, the user has the option to accept or reject the product.

The Display Thumbnails option allows the user to determine if they wish to display thumbnails of imagery products in their hit list if the data source(s) selected to query have them available. It has been found that there is a substantial increase in performance if thumbnails are turned off.

[illegible]

Display Details for Task: Task

Task Name	Task ID	Task Type	Task Status	Task Level
Task 101	101	Task	Not Started	1
Task 102	102	Task	Not Started	1
Task 103	103	Task	Not Started	1
Task 104	104	Task	Not Started	1
Task 105	105	Task	Not Started	1
Task 106	106	Task	Not Started	1
Task 107	107	Task	Not Started	1
Task 108	108	Task	Not Started	1
Task 109	109	Task	Not Started	1
Task 110	110	Task	Not Started	1

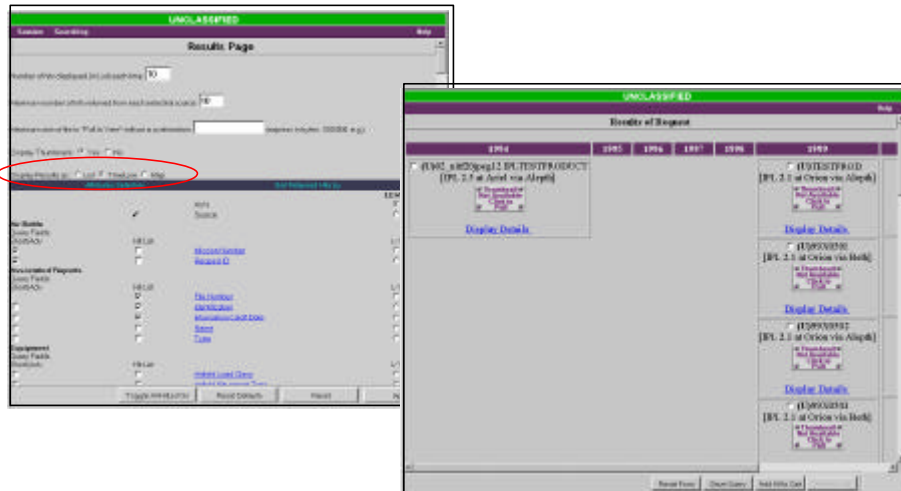
Buttons: [Task] [Details] [Cancel] [Apply]

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The Attributes Selection allows the user to select what fields they want displayed for each hit, as well as which attributes should appear on the query forms. Mandatory fields are symbolized by check marks. A definition of each attribute may be found by clicking on the attribute name in the interface which is in blue. The *Toggle All HitList On* option selects all of the meta-data to be returned on the hit list.

Click the **Apply** button to confirm your changes before leaving this page.

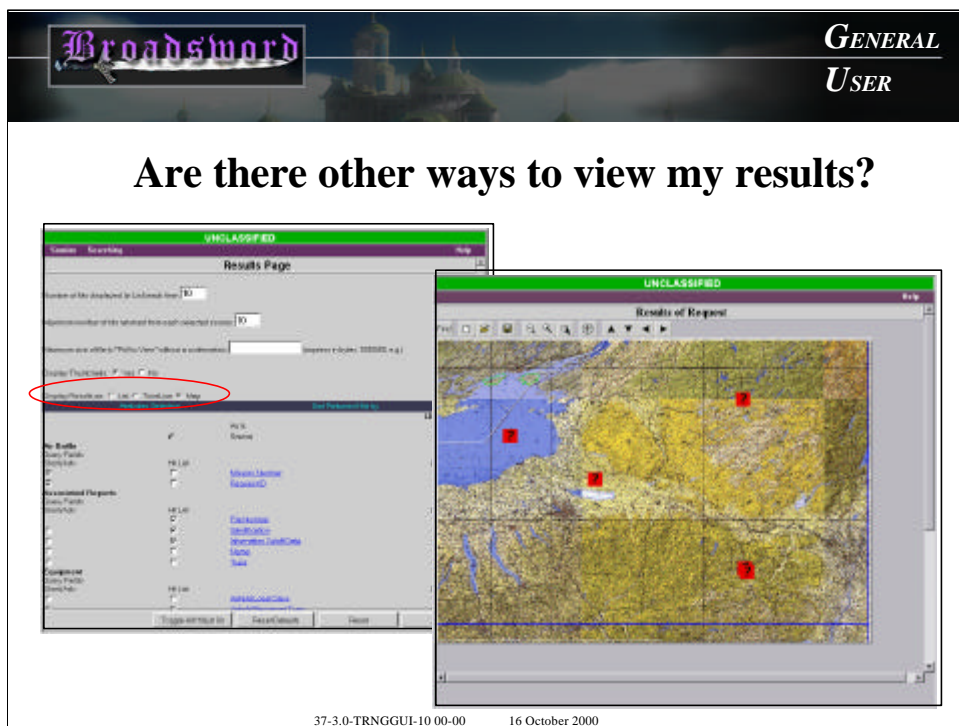
## Are there other ways to view my results?



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By default, the results of a request are returned in a list format. One other option is to return the results chronologically, on a timeline. To set the results format to timeline, select Timeline as the value for *Display Results As* on the **Session**® **Preferences**® **Results Page**.

A hit on the timeline results page is listed with the product title, the name of the source that the hit was retrieved from, a thumbnail (if available), and a *Display Details* link. By clicking on this link, the user can pull up the meta-data associated with this hit.

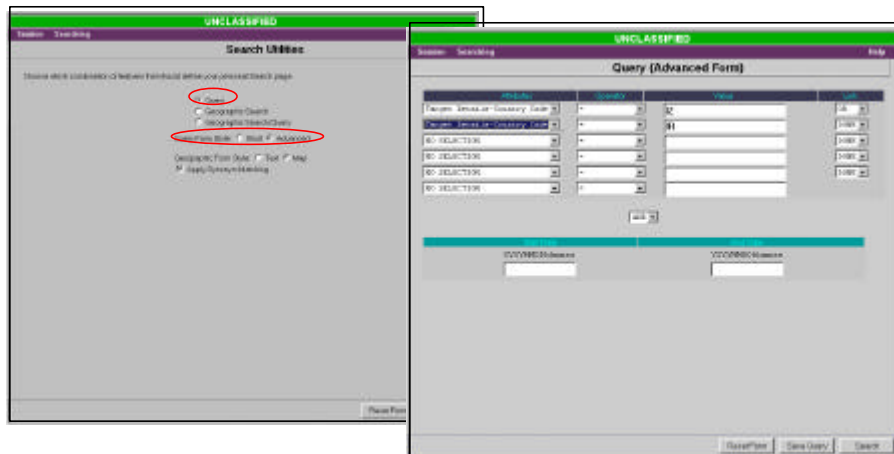


Results can also be displayed on a map. To set the results format to map, select Map as the value for *Display Results As* on the **Session** ® **Preferences** ® **Results Page**.

After performing a search, the results page will have a map with an icon for each hit. By clicking on an icon, the user will be presented with the meta-data associated with a particular hit.

Any hits that do not have an associated geo-coordinate will be presented in list form below the map.

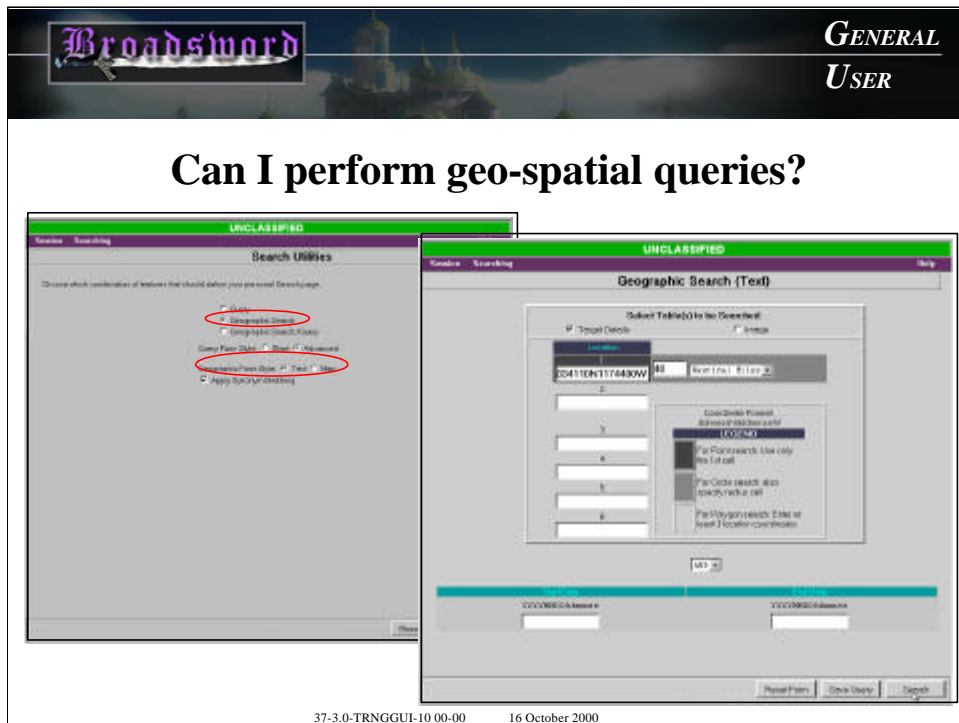
## Can I perform more advanced queries?



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The **Query (Advanced Form)** provides the ability to build a query composed of up to six search conditions. The user can access the Advanced Query utility by selecting Advanced as the *Query Type* on the **Session ® Preferences ® Search Utilities** page.

To create a query the user uses the pull-down menus and text boxes to specify the appropriate table elements, operators, and search criteria to build the desired query. The number of form elements the user fills in determines the complexity of the query.



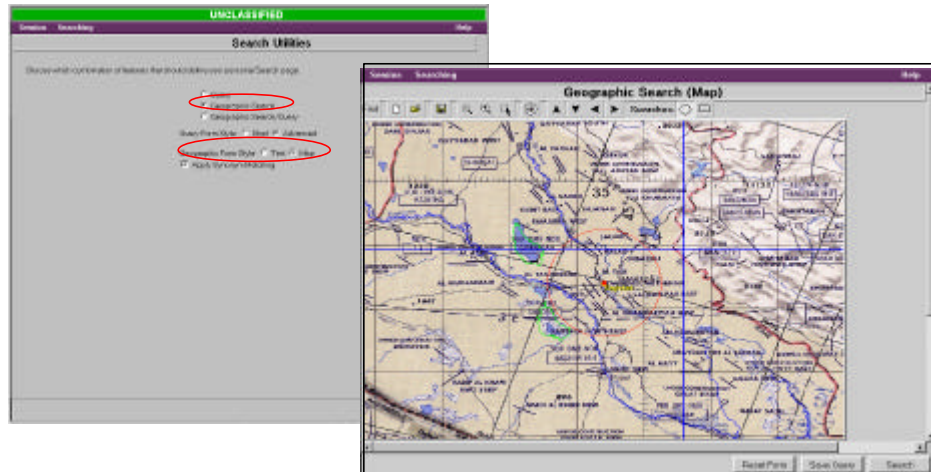
If the user chooses the Geographic Search option and the Text style on the Search Utilities page, the user can go to Search Tools and will be given the Geographic Search Text option.

If the user has only one location he or she can enter it in the # 1 location field and the Broadsword interface will execute a circular search in meters or nautical miles.

If the user has more than one location to work with, they may enter up to six locations and polygon search will be executed.

The user also has the ability to search by date time group as with the Advanced and Short style queries.

## Can I search using a map?

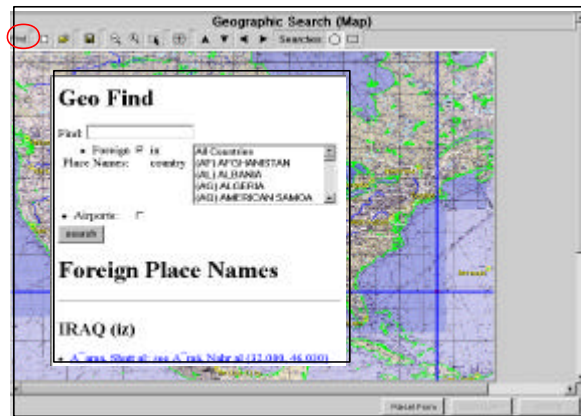


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The user can use the map interface to conduct a query of a chosen geographic area. After choosing Geographic search and map from the Query Form style on the Search Utilities page the user is now ready to use the Map Searches option. The user chooses a location on the map and draws a circle or rectangle area to search. The user must then click the search to execute the search.



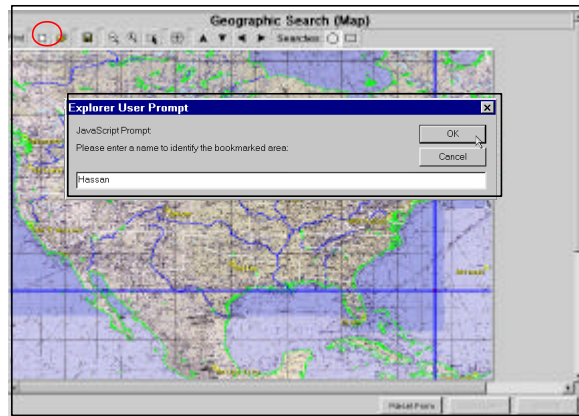
## How do I jump to a specific place?



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The Find Location option allows the user to locate a Location and/or Airport. The user has the option of specifying a country to help narrow the results down. Soon after the Search button is clicked, the user will see a page with the results of their query. If the user sees the result they were looking for, the user can click on the result's corresponding link which is in blue. Once clicked, the map will refresh to the links location.

## Can I save map locations for future searches?

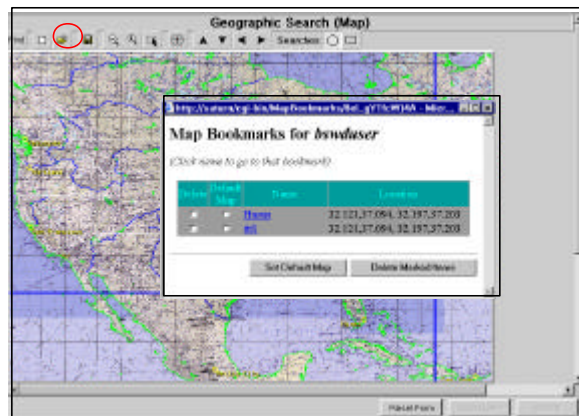


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The Bookmark symbols   let the user save a new bookmark and open a bookmark respectively. Clicking the save button will prompt the user for a name to save the map location as.

## How do I recall my bookmarks?

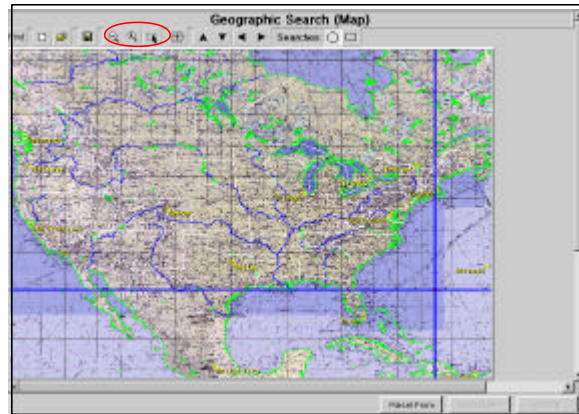


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Clicking the open button presents the user with a list of saved map locations. Clicking on the name of the saved map location will bring the map to that area. The user may also set the default map location and delete saved map locations from this page.

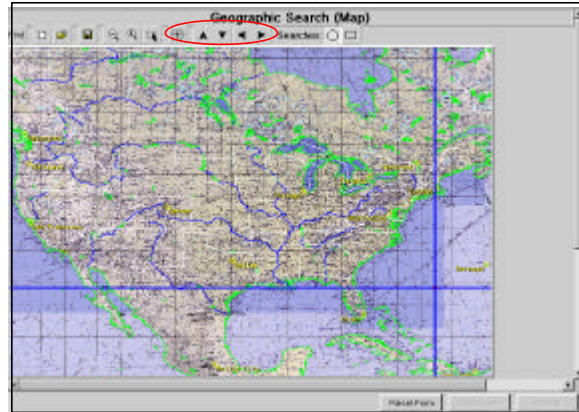
## How do I zoom in or out?





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These symbols  are the Zoom controls. They allow the user to zoom out, zoom in and zoom in by specifying rectangle area, respectively.

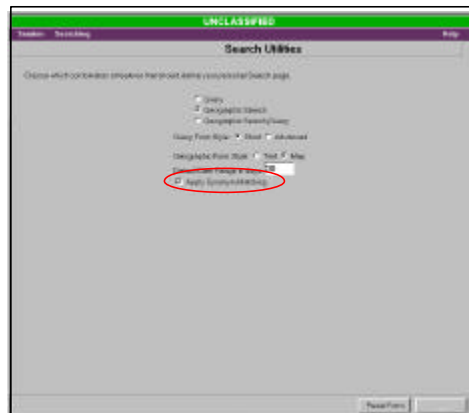
## How do I pan to a different area?



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This button  allows the user to re-center the map. These buttons  allow the user to pan in the four compass directions.

## What is the purpose of synonym matching?



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It is often the case that a user will wish to perform searches in which **Target Ids** and **BE Numbers** are synonymous. By checking the *Apply Synonym Matching* checkbox, Broadsword will do so automatically. Specifically, when this box is checked, the following fields are treated as being equivalent:

**Target Country Code & Facility Country Code**

**Target Name & Facility Name**

**Target ID & BE Number**

## How do I change my default first page?



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After the user logs in, the interface will automatically take them to the Short form query page. The user may however, change this opening page by using the Default First Page. To access this page the User must chose the Default First Page option from the Preferences menu under sessions which is on the menu bar at the top of the interface. The user just chooses the page he or she want by clicking the appropriate button and then the apply button.

## What is the Source Required page used for?

Source	Username	Password	Apply
N.Y. State Court Records	<input type="text"/>	<input type="password"/>	<input type="button" value="Apply"/>
AMHS at 11000	<input type="text"/>	<input type="password"/>	<input type="button" value="Apply"/>
N.Y. State Police	<input type="text"/>	<input type="password"/>	<input type="button" value="Apply"/>

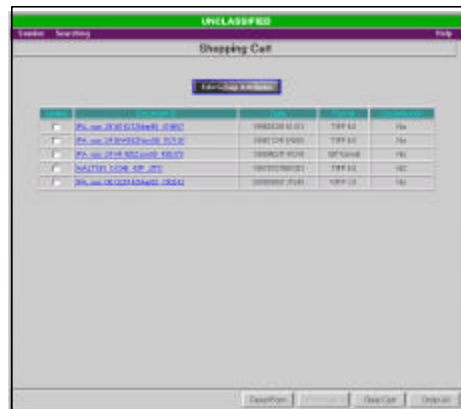
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The Source Required Data page allows the user to store, in the interface, a username and password for sources that they can access only with a special username and password (e.g. - AMHS). The user chooses a username and password then hits the apply button.



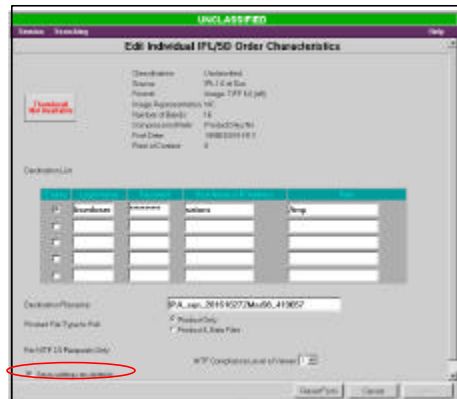
## What is the Shopping Cart used for?



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The Shopping Cart allows the user to order a set of selected products. Items can be added to the Shopping Cart through the results page and be accumulated across various requests and results. All items added to the Shopping Cart are saved from session to session, as long as they are not ordered. The Shopping Cart allows the user to order all types of products by using just one interface. Before a product can be ordered, the document ID, in blue, must be clicked on individually and edited to give it a file name and save it. When the product is ordered it is sent into your database from the source for the analyst use.

## How do I modify where I want my products delivered?



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When editing the attributes of a product (or group of products) in the shopping cart, any delivery options may be saved as the default options by checking the *Save Settings As Defaults* checkbox before clicking on the **Apply** button.

## How do I know if my orders were successful?



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The purpose of the Order Status Screen is to allow the user to check the status of products that have been requested. The top frame displays summary information by sources and the order status; successful transfer, failed transfer, or pending. The bottom frame illustrates the detailed information for each product available from the source.

UNCLASSIFIED																																																																									
<div> <div>Search</div> <div> <div>SEARCH TOOL</div> <div> <div>Formative Reports</div> <div>Shipping List</div> <div>Order Status</div> <div>Saved Queries</div> <div>Profile Navigation</div> </div> </div> <div> <div>ECG</div> <div>INCID</div> <div>ACOG</div> </div> </div> <div> <div>Print Data</div> <div>Save Data</div> </div>	<div>UNCLASSIFIED</div> <div>MDB Report Generator</div> <table border="1"> <thead> <tr> <th>Category</th> <th>Item</th> <th>Item Link</th> </tr> </thead> <tbody> <tr> <td>MDB</td> <td>MDB in Role via Search</td> <td></td> </tr> <tr> <td>MDB</td> <td>MDB Search</td> <td></td> </tr> <tr> <td>MDB</td> <td>MDB in Role via Orders Detail</td> <td></td> </tr> <tr> <td>Facilities</td> <td>Facility Information List</td> <td></td> </tr> <tr> <td>CHARG</td> <td>OPERATE AVAILABLE SPACE OF BATTLE</td> <td></td> </tr> <tr> <td>ASR</td> <td>ASR DATA REPORT</td> <td></td> </tr> <tr> <td>LOGREQ</td> <td>ACTIVE CASE-RELATED FACILITIES CATEGORY</td> <td></td> </tr> <tr> <td>ASRBLM</td> <td>EQUIPMENT EXPOSURE LIST</td> <td></td> </tr> <tr> <td>ACOGM</td> <td>FACILITY LOCATION LIST WITH OVERLAP AND REMAINS</td> <td></td> </tr> <tr> <td>SPACD</td> <td>EQUIPMENT SET BY FORCE AND PRIMARY FACILITY</td> <td></td> </tr> <tr> <td>POSLR</td> <td>REACTIVE CASUALTY INFORMATION LOCATION ASSOCIATOR</td> <td></td> </tr> <tr> <td>SRM</td> <td>SRP CLUSTER NAME</td> <td></td> </tr> <tr> <td>STEL</td> <td>SRP TYPE AND STATUS</td> <td></td> </tr> <tr> <td>DNL</td> <td>EQUIPMENT BY NAME (STAG)</td> <td></td> </tr> <tr> <td>SRM</td> <td>EQUIPMENT BY EQUIPMENT INFORMATION</td> <td></td> </tr> <tr> <td>SRMG</td> <td>EQUIPMENT BY NAME, STATUS AND EQUIPMENT GROUPS</td> <td></td> </tr> <tr> <td>LOC</td> <td>LOCATION OF UNITS</td> <td></td> </tr> <tr> <td>SRMCM</td> <td>EQUIPMENT BY COMMON NAME</td> <td></td> </tr> <tr> <td>SRMCM</td> <td>EQUIPMENT BY NAME</td> <td></td> </tr> <tr> <td>SRM</td> <td>FACILITY LOCATION LIST BY COUNTRY AND CATEGORY WITH REMAINS</td> <td></td> </tr> <tr> <td>FAKER</td> <td>FACILITIES WITH ASSOCIATED UNITS AND REMAINS</td> <td></td> </tr> <tr> <td>ACOGMSP</td> <td>FACILITIES WITH ASSOCIATED UNITS AND EQUIPMENT FACILITY EQUIPMENT AND FACILITY GROUPS</td> <td></td> </tr> <tr> <td>FACTGT</td> <td>FACTORY LIST FROM HANDBOOK REPORT</td> <td></td> </tr> </tbody> </table> <div> <div>Print Data</div> <div>Save Data</div> </div>	Category	Item	Item Link	MDB	MDB in Role via Search		MDB	MDB Search		MDB	MDB in Role via Orders Detail		Facilities	Facility Information List		CHARG	OPERATE AVAILABLE SPACE OF BATTLE		ASR	ASR DATA REPORT		LOGREQ	ACTIVE CASE-RELATED FACILITIES CATEGORY		ASRBLM	EQUIPMENT EXPOSURE LIST		ACOGM	FACILITY LOCATION LIST WITH OVERLAP AND REMAINS		SPACD	EQUIPMENT SET BY FORCE AND PRIMARY FACILITY		POSLR	REACTIVE CASUALTY INFORMATION LOCATION ASSOCIATOR		SRM	SRP CLUSTER NAME		STEL	SRP TYPE AND STATUS		DNL	EQUIPMENT BY NAME (STAG)		SRM	EQUIPMENT BY EQUIPMENT INFORMATION		SRMG	EQUIPMENT BY NAME, STATUS AND EQUIPMENT GROUPS		LOC	LOCATION OF UNITS		SRMCM	EQUIPMENT BY COMMON NAME		SRMCM	EQUIPMENT BY NAME		SRM	FACILITY LOCATION LIST BY COUNTRY AND CATEGORY WITH REMAINS		FAKER	FACILITIES WITH ASSOCIATED UNITS AND REMAINS		ACOGMSP	FACILITIES WITH ASSOCIATED UNITS AND EQUIPMENT FACILITY EQUIPMENT AND FACILITY GROUPS		FACTGT	FACTORY LIST FROM HANDBOOK REPORT	
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First, the user needs to select the source to be searched (in case the user has access to more than one MIDB). Next, the user needs to select the type of report to generate and then click the **Next** button.

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UNCLASSIFIED

Variables Search/Help Query (Sheet Form) Help

Explosion User Privilege

Explosion User Privilege

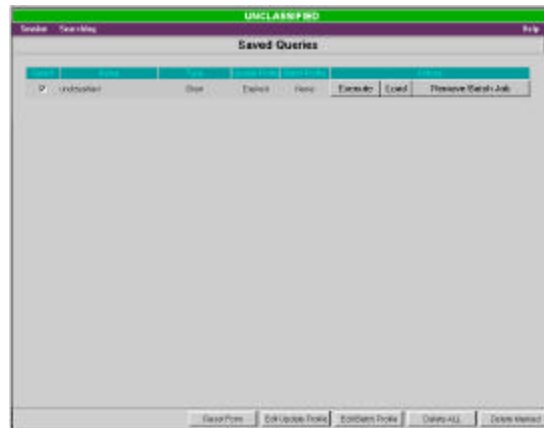
Resource access is granted for the selected query.

Cancel

Reset Form Show Query

Users can save commonly used searches by setting up the search as usual, and then clicking on the **Save Query** button. This will then prompt the user for a name to save the query as.

## How can I access my saved queries?

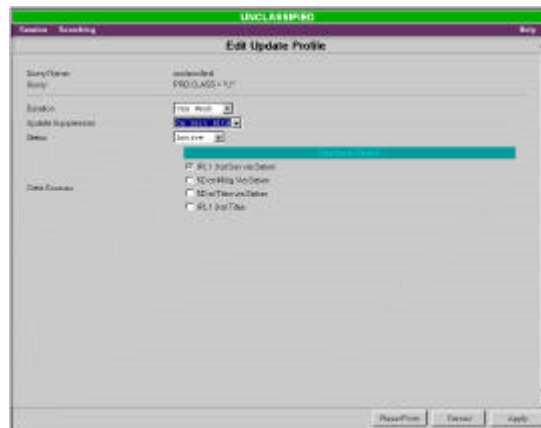


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This is the **Searching** ® **Saved Queries** page. From this page a user can review and execute a saved query. In addition, saved queries can be set up for use with **Update Profiles** and **Batch Processing**.

## Can Broadsword tell me about new information on a target?

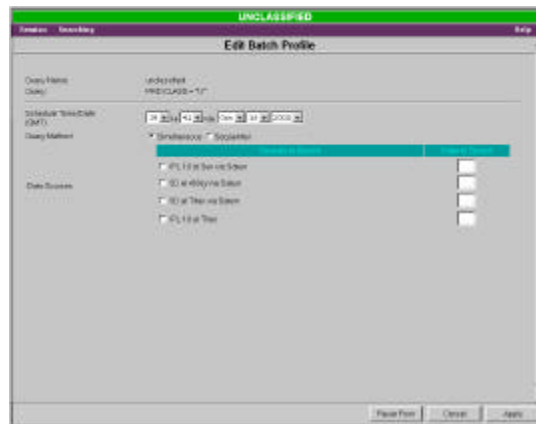


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By selecting the checkbox next to a saved query and clicking on the **Edit Update Profile** button, the user can setup a standing query. This query will be executed against each source selected every 30 minutes for the duration of the profile. If there is any new data meeting that query, then the user will be notified (see **Profile Notification** for more information).



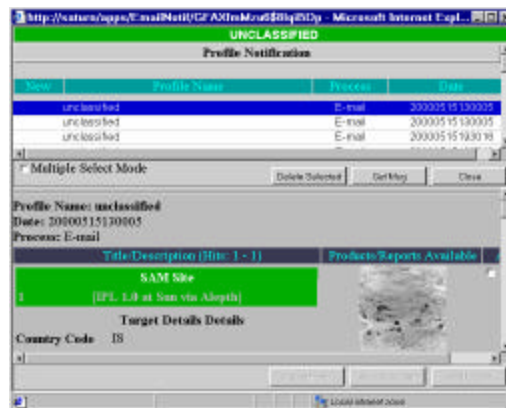
## Can I run queries after hours automatically?



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By selecting the checkbox next to a saved query and clicking on the **Edit Batch Profile** button, the user can set a query to run at some future date. This query will be executed at the specified time, even if the user isn't logged in. If there is any data meeting that query, then the user will be notified (see **Profile Notification** for more information).

## How do I view the results of queries executed by the system?



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By selecting **Searching** ® **Profile Notification**, the user will bring up the **Profile Notification** window. This window is updated every 10 minutes with any new results from either Update or Batch Profiles. To view these results, the user should click on a link in the top frame. This will cause the results to be listed in the bottom frame, just as they are in the normal results page.